

Glossary

Section I Abbreviations

AAFA

Army Aviation Flight Activity

AAME

Army Award for Maintenance Excellence

AAR

after action review

AASF

Army Aviation Support Facility

ABS

American Bureau of Shipping

ACAT

acquisition category

ADCS

Assistant Deputy Chief of Staff

ADM

acquisition decision memorandum

ADMRU

aviation depot maintenance round-out units

ADP

automatic data processing

AEL

Army Electronic Library

AIS

automated information system

AIT

automatic identification technology

AMB

Army Maintenance Board

AMC

Army Materiel Command

AMCOM

U.S. Army Aviation and Missile Command

AMDF

Army master data file

AMF

area maintenance facility

AMMDB

Army MARC maintenance database

AMSA

area maintenance support activities

AMSA (G)

area maintenance support activities (ground)

AMSA (G/W)

area maintenance support activities (ground/watercraft)

AMSA (W)

area maintenance support activities (watercraft)

AMSAA

U.S. Army Materiel System Analysis Activity

AMSF

area maintenance and supply facilities

AOAP

Army Oil Analysis Program

APD

Army Publishing Directorate

APS

afloat prepositioning ships

AR

Army regulation

ARDEC

Armament Research Development and Engineering Center

ARL

Army research laboratory

ARNG

Army National Guard

ARSTAF

Army Staff, HQDA

ASA (ALT)

Assistant Secretary of the Army (Acquisition, Logistics & Technology)

ASA (FM&C)

Assistant Secretary of the Army (Financial Management & Comptroller)

ASA (MRA)

Assistant Secretary of the Army (Manpower and Reserve Affairs)

ASARC

Army Systems Acquisition Review Council

ASC

Army Signal Command

ASIOE

associated support items of equipment

ASTM

American Standards of Test Measurement

AT

annual training

ATE

automatic test equipment

AUTOSEVOCOM

Automatic Secure Voice Communications Network

AVCRAD

Aviation Classification and Repair Activity Depot

AVIM

aviation intermediate maintenance

AVUM

aviation unit maintenance

AWCF

Army working capitol fund

BASOPS

base operations

BDAR

battlefield damage assessment and repair

BDR

battlefield damage repair

BII

basic issue items

BOIP

Basis of Issue Plan

C4IEWS

communications, command, control, computer, intelligence, electronic warfare and sensors

CA

commercial activities

CARC

chemical agent resistant coating

CASCOM

U.S. Army Combined Arms Support Command

CBTDEV

combat developer

CC

condition code

CCI

controlled cryptographic items

CE

communications-electronics

CECOM

U.S. Army Communications-Electronics Command

CFR

Code of Federal Regulations

CG

commanding general

CIO/G-6

Chief Information Officer, G-6

CLSF

Communications Logistics Support Facility

CNGB

Chief, National Guard Bureau

COE

Chief of Engineers

COEI

component of end item

COMSEC

communications security

CONEX

consolidated express

CONUS

Continental United States

COSCOM

Corps Support Command

COTS

commercial off-the-shelf

CPC

corrosion prevention and control

CPP

camouflage painting pattern

CRDC

CECOM Research and Development Center

CSA

Chief of Staff, U.S. Army

CSMS

combined support maintenance shop

CSO

customer service organization

CSSAMO

Combat Service Support Automation Management Office

CTA

common table of allowances

CVE

combat vehicle evaluation

CWO

customer work order

CWT

customer wait time

DA

Department of the Army

DA Pam

Department of the Army Pamphlet

DCA

Defense Communications Agency

DCS, G-1

Deputy Chief of Staff, G-1

DCS, G-2

Deputy Chief of Staff, G-2

DCS, G-3

Deputy Chief of Staff, G-3

DCS, G-4

Deputy Chief of Staff, G-4

DDMC

Defense Depot Maintenance Council

DEH

Director of Engineering and Housing

DLA

Defense Logistics Agency

DLH

direct labor hours

DLR

depot-level repairs

DMCB

Depot Maintenance Corporate Board

DMISA

depot maintenance inter-Service support agreement

DMMP

Depot maintenance mobilization plan

DMMW

depot maintenance mobilization workload

DMOPS

Depot Management Operations Planning System

DMPE

depot maintenance plant equipment

DMSP

depot maintenance support plan

DMWR

depot maintenance work request

DOD

Department of Defense

DODD

Department of Defense directive

DODI

Department of Defense instruction

DOIM

Director of Information Management

DOL

Director of Logistics

DPAE

Director, Program Analysis and Evaluation

DPG

defense program guidance

DPW

Director of Public Works

DRMO

Defense Reutilization and Marketing Office

DS

direct support

DT

developmental tests

DWCF

Defense Working Capital Fund

ECC

equipment category code

ECOD

estimated cost of repairs

ECS

equipment concentration sites

EFC

effective full charge

EIR

equipment improvement recommendation

EMM

equipment maintenance mission

ERC

equipment readiness code

ESSC

Electronics Sustainment Support Center

ETM

electronic technical manual

EUSA

Eighth United States Army

EW

electronic warfare

FAD

force activity designator

FAR

forward repair activity

FEDC

field exercise data collection

FED LOG

Federal Logistics Record

FMC

fully mission capable

FMS

foreign military sales

FORSCOM

U.S. Forces Command

FRA

Forward Repair Activity

FTX

field training exercise

FUED

first unit equipped date

FXXI

force twenty-one

FY

fiscal year

GCSS–A

Global Combat Support System–Army

GOCO

Government owned, contractor operated

GOGO

Government owned, Government operated

GPM

ground precautionary message

GS

general support

GSA

General Services Administration

GSNS

Ground Safety Notification System

HAZMAT

hazardous materiel

HEMTT

heavy expanded mobility tactical truck

HQ

Headquarters

HQDA

Headquarters, Department of the Army

IDT

inactive duty training

IETM

interactive electronic technical manual

IEW

intelligence and electronic warfare

ILS

integrated logistics support

IMMA

installation materiel maintenance activity

IMMMA

Internal Mission Materiel Maintenance Activity

IMMO

Installation Materiel Maintenance Officer

IMO

Installation Management Officer

INSCOM

U.S. Army Intelligence and Security Command

IOC

Industrial Operations Command

IPD

issue priority designator

ISA

Installation Support Activity

ISSA

inter-Service support agreement

IT

information technology

ITIA

initial troop installed and authorized

JCALs

Joint Computer Aided Logistics System

JCS

Joint Chiefs of Staff

JOAP

Joint Oil Analysis Program

LAO

logistics assistance office

LAP

Logistics Assistance Program

LAR

logistics assistance representative

LCSEC

Life Cycle Software Engineer Center

LCSS

life cycle software support

LIDB

logistics integrated database

LIN

line item number

LMI

logistics maintenance information

LO

lubrication order

LOGCAP

Logistics Civilian Augmentation Program

LOGSA

USAMC Logistics Support Activity

LORA

level of repair analysis

LRU

line replaceable unit

LSA

logistics support analysis

LSAR

logistics support analysis requirements

LSE

logistics support element

LTP

long-term preservation

MAC

maintenance allocation chart

MACE

Mobilization AVCRAD Control Element

MACOM

major Army command

MAIT

Maintenance Assistance and Instruction Team

MAM

maintenance advisory message

MANPRINT

manpower and personnel integration

MATDEV

materiel developers

MATES

mobilization and training equipment sites

MC

mission capable

MCCR

mission critical computer resources

MDEP

management decision package

MEL

maintenance expenditure limits

METTT

mission, enemy, time, terrain, and troops available

MIIC

management interest item code

MILVAN

military owed demountable container

MMDF

maintenance master data file

MOA

Memorandum of Agreement

MOCT

mean overhaul cycle time

MOOTW

military operations other than war

MOS

military occupational specialty

MOU

Memorandum of Understanding

MPD

maintenance priority indicator

MRC

maintenance repair code

MRR

maintenance replacement rates

MSC

major subordinate command

MSP

maintenance support plan

MST

maintenance support team

MT

maintenance technician

MTBF

mean time between failure

MTBO

mean time between overhaul

MTDA

modification table of distribution and allowance

MTOE

modification table of organization and equipment

MTTR

mean time to repair

MWO

modification work order

NBC

nuclear, biological, chemical

NEOF

no evidence of failure

NET

new equipment training

NGB

National Guard Bureau

NICP

national inventory control point

NIIN

national item identification number

NMC

not mission capable

NMCM

not mission capable maintenance

NMCS

not mission capable supply

NMM

national maintenance manager

NMP

National Maintenance Program

NMWR

national maintenance work requirement

NRTS

not reparable this station

NSA

National Security Agency

NSN

national stock number

NTV

nontactical vehicle

OACSIM

Office of the Assistant Chief of Staff for Installation Management

OASD (PA)

Office of the Assistant Secretary of Defense (Public Affairs)

OCAR

Office of the Chief of Army Reserve

OCCM

on condition cyclic maintenance

OCIE

organization clothing and individual equipment

OCOC

on condition oil change

OCONUS

outside the continental United States

ODCS, G-3

Office of the Deputy Chief of Staff, G-3

ODCS, G-4

Office of the Deputy Chief of Staff, G-4

OMA

Operations and Maintenance, Army

OMAR

Operation and Maintenance, Army Reserve

OMS

organizational maintenance shops

OMSS

organizational maintenance sub-shop

OP

operational plan

OPTEMPO

operational tempo

ORD

operational requirements document

ORF

operational readiness float

OSD

Office of the Secretary of Defense

OSMIS

Operating and Support Management Information System

OT

operational test

PAS

Personnel Automation Section

PCB

printed circuit board

PD

priority designator

PEG

Program Evaluation Group

PEO

program executive officer

PLL

prescribed load list

PM

program manager

PMAF

peacetime mission availability factors

PMC

partially mission capable

PMCS

preventive maintenance checks and services

PMI

preventive maintenance intermediate

PMIS

preventive maintenance inspection and service

POC

point of contact

POI

program of instruction

POM

program objective memorandum

PPBES

Planning, Programming, Budgeting, and Execution System

PPSS

post-production software support

PRON

procurement request order number

PS

program sponsor

PWS

performance work statements

QA

quality assurance

QDR

quality deficiency report

QNP

qualified national providers

RAM

reliability, availability maintainability

RC

Reserve Component

RCF

repair cycle float

RCM

reliability centered maintenance

RCS

report control symbol

RDD

required delivery date

REQVAL

requisition-validation

RFP

request for proposal

RIC

routing identifier code

RIDB

readiness integrated database

RO

requirements objective

ROWPU

reverse osmosis water purification unit

RPCO

recovery program control officer

RPSTL

repair parts and special tools list

RSC

regional support center

RTSM

regional training site-maintenance

SAAO

State Army Aviation Officer

SAE

Society of Automotive Engineers

SAMS

Standard Army Maintenance System

SARSS

Standard Army Retail Supply System

SCX

STAMIS computer exchange

SDC

sample data collection

SECDEF

Secretary of Defense

SFIT

special field information task

SIDPERS

Standard Installation/Division Personnel System

SIGINT

signals intelligence

SKOT

sets, kits, outfits, and tools

SMMA

satellite materiel maintenance activities

SMR

source, maintenance, recoverability

SOLAS

safety of life at sea

SOP

standing operating procedure

SOR

source of repair

SOUM

safety of use message

SRA

specialized repair activity

SS

supportability strategy

SSA

Supply Support Activity

SSN

standard study number

SSP

system support package

SSTS

sustainment systems technical support

STAMIS

Standard Army Management Information System

STS

systems technical support

SURVIAC

Survivability/Vulnerability Information Analysis Center

T/VISC

Training and Visual Information Support Center

TA

theater Army

TACOM

Tank-Automotive and Armaments Command

TAEDP

Total Army Equipment Distribution Plan

TAMMIS

Theater Army Medical Management Information System

TAMMS

The Army Maintenance Management System

TAMMS-A

TAMMS-Aviation

TAT

turnaround time

TB

technical bulletin

TBO

time between overhauls

TDA

table of distribution and allowances

TDP

technical data package

TDY

temporary duty

TEDB

TAMMS equipment database

TI

technical inspection

TIPS

tool improvement program suggestions

TLRT

total logistics response time

TM

technical manual

TMDE

test, measurement, and diagnostic equipment

TOC

total ownership cost

TOE

table of organization and equipment

TPS

test program set

TRADOC

Training and Doctrine Command

TSG

The Surgeon General

UIC

unit identification code

UII

unique item identifier

UIT

unique item tracking

ULLS

Unit Level Logistics System

UND

urgency of need designator

USACECOM

U.S. Army Corps of Engineers Command

USACSLA

U.S. Army Communications Security Logistics Agency

USAF

United States Air Force

USAISC

U.S. Army Information Systems Command

USAMC

U.S. Army Materiel Command

USAMCOM

U.S. Army Aviation and Missile Command

USAOCS

U.S. Army Ordnance Center and School

USAR

U.S. Army Reserve

USARC

Commander, U.S. Army Reserve Command

USCG

United States Coast Guard

USPFO

U.S. property and fiscal officer

UTES

unit training equipment site

UUT

unit under test

VI

visual information

WAC

work accomplishment code

WARCO

warranty coordinator

WOLF

work order logistics file

YTD

year to date

Section II**Terms****Administrative deadline**

Procedure for taking equipment out of service if the commander or unit maintenance officer determines it is necessary. Administratively dead-lined equipment is FMC per the applicable PMCS tables and is reported FMC per AR 700–138 and DA Pam 738–750 but is not used or dispatched. The following conditions are examples of typical situations (not an all-inclusive list) when administrative deadline of equipment would apply:

- a.* Operation would result in a violation of published Federal, Department of the Army, local commander, or host-nation safety regulations if the equipment were dispatched or used.
- b.* Pending completion of an official investigation.
- c.* Pending transfer, turn-in, or disposition instructions.
- d.* Pending inspection for a safety deficiency detailed under a safety-of-use message.
- e.* Pending receipt of oil resample or special sample results.

After operation checks

PMCS checks and services performed per the TM/ETM 10–series PMCS tables at the conclusion of the mission to identify and correct faults that will preclude the next mission and to maintain the equipment to TM 10– and 20–series PMCS maintenance standard. Faults that render the equipment NMC and are within the authorized level of repair of the operator/crew to correct must be corrected immediately. Faults above the operator/crew authorized level of repair are immediately reported to unit maintenance for correction prior to start of the next mission. Unit maintenance performs unscheduled correction required by reports from operator/crew and performs required services per TM/ETM 20–series to maintain the equipment to the TM 10– and 20–series PMCS maintenance standard.

Ammunition

All Army-adopted class V items.

Ammunition peculiar equipment

Equipment used in depot to perform maintenance, surveillance, demilitarization, or preservation/packaging work on ammunition.

Area Maintenance Support Activity

Provides, on an area basis, technical assistance and unit maintenance support beyond the supported units' capabilities to accomplish during scheduled training assemblies. AMSA will be designated as follows:

- a. AMSA(G). Maintenance support for USAR ground equipment, other than aircraft, medical, and watercraft.
- b. AMSA(W). Support for USAR watercraft.
- c. AMSA(G/W). Support for USAR ground and watercraft.

Army Aviation Flight Activity

An ARNG TDA activity that provides AVUM-level functions in support of ARNG aviation assets.

Army Aviation Operating Facility

An ARNG TDA activity that provides AVUM-level functions.

Army Aviation Support Facility

An ARNG TDA maintenance activity that provides AVUM- and AVCRAD-authorized AVIM-level functions to support ARNG aviation assets.

Army Oil Analysis Program

Part of a DOD-wide effort to detect impending equipment component failures and determine lubricant condition through evaluation of used oil samples.

Army Oil Analysis Program evaluation criteria

Factors, including quantitative metal wear expressions, against which the results of oil analysis are compared to determine the condition of a component or lubricant and the necessity for maintenance.

Assembly

A combination of components/modules and parts used as a portion of, and intended for, further installation in an equipment end item (for example, engine, transmission, rotor head, electronic chassis/rack/cabinet).

Associated support items of equipment (ASIOE)

An end item required to support the operation, maintenance, and/or transportation of a BOIP item. ASIOE is listed on the BOIP of the item it supports. ASIOE has its own LIN and is separately documented into TOE/Vertical—The Army Authorization and Documents System (VTAADS).

Automatic test equipment (ATE)

Equipment designed to automatically evaluate the degree of unit under test (UUT) performance degradation. It may be used to perform fault isolation of UUT malfunctions.

Available days

The days equipment is on hand in an organization and fully able to do its mission; the time that equipment is FMC.

Aviation classification and repair activity depot

An ARNG TDA maintenance activity that provides AVIM and authorized depot-level functions.

Aviation support facility

TDA activity of a USARC that exercises centralized control and assures proper use and operation of USAR aviation assets, providing aviation training and logistics support beyond the capability of the supported units during training assemblies.

Battlefield damage assessment and repair (BDAR)

A wartime procedure to rapidly return disabled equipment to operational condition by expeditiously repairing, bypassing, or jury-rigging components to restore the minimum essential systems required for the support of a specific combat mission or to enable the equipment to self-recover.

Before operation checks

Checks performed by the operator/crew per TM/ETM 10-series PMCS tables to identify faults that will prevent performance of the mission and must be corrected prior to start of the mission. All faults are corrected or, if above operator/crew authorized level of repair, are reported to unit maintenance before the mission. Before operation checks should not take over 20 minutes for completion by the operator/crew.

Black box

An electronic assembly removed and replaced from the next higher assembly at the user level and generally synonymous with line replaceable unit (LRU).

Built-in test

A test approach using built-in test equipment or other integral hardware designed into equipment or components under test to self test and fault diagnose all and/or part of the equipment or component under test.

Built-in test equipment

Any identifiable, removable device that is part of equipment or components under test that is used for the express purpose of testing.

Calibration

Comparison of an instrument with an unverified accuracy to an instrument of known or greater accuracy to detect and correct any discrepancy in the accuracy of the unverified instrument.

Combined support maintenance shop

An ARNG TDA activity that provides DS and GS levels of maintenance on Federal surface equipment issued to the ARNG.

Commercial activities (CA)

Army-operated and Army-managed organizations that provide products or services that may be obtained by contract with private commercial sources. CA may be identified with an organization or a type of work, but must be separate facilities that can perform either in-house or by contract. Further, the CA must provide products and services regularly needed. CA will not provide products and services that will be used only once, for a short time, or for support of a special project.

Component/module

A combination of parts mounted together during manufacturing that may be tested, replaced as a unit, or repaired (for example, starter, generator fuel pump, and printed circuit board). The term “module” is normally associated with electronic equipment.

COMSEC logistics support unit

DS/GS maintenance activity for the maintenance of communication security equipment.

Configuration

The functional/physical characteristics of hardware/software set forth in technical documentation and achieved in a product.

Configuration status accounting

Recording and reporting of information needed to manage the configuration of a system or item effectively, including the approved technical documentation as set forth in specifications, drawings, and associated lists and documents referenced therein; the status of proposed changes to a configuration; and the implementation status of approved changes.

Contract maintenance

Any materiel maintenance operation performed under contract by commercial organizations (including the original manufacturers of the materiel).

Controlled exchange

Removal of serviceable parts, components, and assemblies from unserviceable, but economically repairable, equipment and their immediate reuse in restoring a like item of equipment to a combat mission capable condition.

Critical characteristics

Features (tolerance, finish, material composition, manufacturing, assembly, or inspection process) of a product, material, or process that, if nonconforming or missing, could cause the failure or malfunction of the item.

Critical safety item

Any part, assembly, subassembly, installation procedure, or production process that would have hazard probability

level A, B, C, or D chance of resulting in an unsafe condition if not in accordance with design data or quality requirements.

Deferred maintenance

Authorized delay of maintenance/repair of uncorrected faults.

Deficiency

A fault or problem that causes equipment to malfunction. Faults that make the equipment NMC are deficiencies.

Department of Defense activity address code

A six-digit code that gives a DOD delivery address for supplies and equipment.

Depot-level reparable

A class IX item with a maintenance repair code of D or L.

Depot maintenance

Materiel maintenance requiring major overhaul or a complete rebuilding of parts, assemblies, subassemblies, and end items, including the manufacture of parts, modifications, testing, and reclamation as required. Depot maintenance serves to support lower categories of maintenance by providing technical assistance and performing that maintenance beyond their responsibility. Depot maintenance provides stocks of serviceable equipment because it has available more extensive facilities for repair than are available in lower maintenance activities. Depot maintenance includes all aspects of software maintenance.

Depot maintenance activity

An industrial-type facility established to perform depot maintenance on weapon systems, equipment, and components. The term includes DOD installations and commercial contractors.

Depot maintenance capability

The availability of resources (facilities, tools, test equipment, drawings, technical publications, training, maintenance personnel, engineering support, and spare parts) required to carry out a specified depot maintenance task.

Depot maintenance capacity

This is the amount of direct labor hours (maintenance man-hours) that can be applied within a specified industrial facility or other entity during a 40-hour week.

Depot maintenance core capability

Depot maintenance core is the capability maintained within organic defense depots to meet readiness and sustainability requirements of the weapon systems that support the JCS scenario(s). Core capability exists to minimize operational risks and to guarantee required readiness for weapon systems. It will comprise only the minimum essential required facilities, equipment, and skilled personnel required to ensure a ready and controlled source of required technical competence.

Depot maintenance work requirement

A maintenance serviceability standard for depot maintenance operations. It prescribes the scope of work to be performed on an item by organic depot maintenance facilities or contractors, types and kinds of materiel to be used, and quality of workmanship. Also prescribes repair methods, procedures and techniques, modification requirements, fits and tolerances, equipment performance parameters to be achieved, quality assurance discipline, and other essential factors to ensure that an acceptable and cost-effective product is produced.

Depot maintenance workload

A specific depot repair requirement for a specific item to be repaired. Units of measure include man-hours, work years, costs, and sale prices.

Discard and replace

Procedure to follow if selected items are designated as nonrepairable and become inoperable.

During operations checks

Checks performed by the operator/crew per the TM/ETM 10-series PMCS tables that monitor operation of equipment and identify faults in equipment performance during the mission. Faults that render the equipment NMC require

immediate correction or authorization for limited operation using circle x status condition. All other faults are corrected (if above operator/crew authorized level of repair to correct) or reported during or after the mission.

Electromagnetic environmental effect (E3)

Any failure (or serious effect) apparently caused by, or related to, radio waves, electromagnetism, voltage or current pulses (static discharge, lightning, electromagnetic pulse, or transient electricity), from whatever source.

End item code

Data element that identifies a part to a specific end item. It is a three-position alphanumeric code that uses the full English alphabet and the numbers 2 through 9 and is structured so that each position of the code has a specific meaning.

Equipment category code (ECC)

A two-position alphabetical code. The first letter identifies the primary category of equipment. The two-position ECC is used in ADP systems to produce the complete description of an item of equipment by make, model, noun nomenclature, line number, and national stock number if desired or required. It is also entered in specified blocks or positions on manually produced data source documents.

Equipment concentration site

Area for support of USAR and other authorized units during IDT, AT, and mobilization; includes a maintenance branch.

Equipment end item

A final combination of assemblies, components, modules, and parts that is designed to perform an operational function and is ready for intended use. These end items are normally type-classified and assigned line item identification numbers (EM 0007 FEDLOG) but may require other end items to perform a mission (for example, tank, truck, radio, generators, and machine guns).

Equipment improvement recommendation (EIR)

Written reports on an SF Form 368 to report equipment faults in design operations and manufacturing of new equipment received that is below standard quality in workmanship under AR 702-7 and AR 702-7-1.

Equipment performance data

Historical information relating to the maintainability, reliability, and supportability characteristics of systems, subsystems, and components of weapons and equipment end items accumulated during their operational application or tests simulating actual operations.

Equipment readiness codes

A one-digit code explaining an item's importance to a unit's combat, combat support, or service support mission. The codes are assigned to items on modification tables of organization and equipment.

Failure

The event, or inoperable state, in which any item or part of an item does not, or would not, perform as previously specified.

Fault

A term used to indicate that a piece of equipment has a deficiency or shortcoming.

Fault isolation

Test performed to isolate faults within a piece of equipment.

Forward support maintenance

Maintenance oriented toward quick turnaround to the user in order to maximize combat time by minimizing repair and evacuation time.

Fully mission capable (FMC)

Systems and equipment that are safe and have all mission-essential subsystems installed and operating as designated by applicable Army regulation. An FMC vehicle or system has no faults that are listed in the "not fully mission capable ready if" columns of the TM/ETM 10- and 20-series PMCS tables that apply to the vehicle/system or its sub-system

required by AR 700–138. The terms ready/available and FMC refer to the same status: equipment is on hand and able to perform its combat missions.

General purpose TMDE

TMDE that is used or possesses the potential to be used without significant modifications for test, measurement, and diagnosis of a range of parameters for two or more items of equipment or systems.

General support forces

Training, logistics, and other support activities of the CONUS base; field activities; administrative headquarters and forces provided for peacetime-peculiar activities. Units/activities included in general support forces do not report status/readiness under AR 220–1. They are identified in Department of the Army Force Accounting System by a three-position force planning code beginning with a C.

Go/no-go (system)

Condition or state of operability of a system that can have only two parameters:

- a.* Go: Functioning properly.
- b.* No-go: Not functioning properly. Such conditions are displayed using meters and/or visual or audible alarms, sensors, or similar mechanisms.

Initial operating capability

First attainment by the MTOE unit of the capability to operate and support effectively in their operational environment a new, improved, or displaced Army Materiel System.

Installation Materiel Maintenance Activity (IMMA)

TDA maintenance organization set up to provide DS/GS maintenance support and AVIM support for troop and/or installation operating equipment. An IMMA operates at one or more fixed locations.

Integrated logistics support (ILS)

A composite of all the support considerations necessary to ensure the effective and economical support of a system for its life cycle. ILS is an integral part of all aspects of system acquisition and fielding. The principal elements of ILS related to the overall system life cycle are contained in AR 700–127.

Integrated materiel manager

The materiel manager responsible for the execution of assigned materiel management functions for selected items or selected Federal supply classification classes.

Inter-Service maintenance support

Maintenance operations performed by the organic maintenance capability of one military Service in support of another military Service.

Limited AVIM-level maintenance

AVIM-level support performed by the ASF within available skills and resources authorized for unit maintenance, without adversely affecting the overall performance of unit support.

Line item number (LIN)

A six-position alphanumeric number that identifies the generic nomenclature of specific types of equipment. Standard LINs consist of one alpha character followed by five numeric characters. Standard are assigned by the Army Materiel Command and are listed in EM 0007 FEDLOG.

Line replaceable unit (LRU)

A combination of components/modules installed in an item of equipment or system that is replaceable in the operational environment (that is, under field or combat conditions). An LRU may be a printed circuit board, black box, component, major component, alternator, carburetor, avionics, tank engine, road wheel assembly installed weapons, and so forth. This repair by replacement is normally accomplished as far forward as possible by unit (organizational) maintenance personnel.

Maintainability

Characteristics of design that inherently provide for the retention of and/or restoration of a specified condition within a given period of time when maintenance is performed by prescribed procedures and resources.

Maintenance

All actions necessary for retaining an item in or restoring it to a specified condition.

Maintenance, corrective

All actions performed as a result of failure to restore an item to a specified condition. Corrective maintenance can include any or all of the following steps: localization, isolation, disassembly, interchange, reassembly, alignment, and check-out.

Maintenance capability

Availability of those resources—facilities, tools, TMDE, drawings, technical publications, trained maintenance personnel, engineering and management support, and repair parts—required to perform maintenance operations.

Maintenance capacity

A quantitative measure of maintenance capability usually expressed as the number of man-hours or direct labor that can be applied within a specific maintenance activity or shop during a 40-hour week (one shift, 5 days).

Maintenance concept

The maintenance concept briefly defines the intended maintenance workload distribution within the Army maintenance system and the force structure required to maintain the end item or weapon system. It is largely based on the Organization and Operation Plan and is an integral portion of the logistics section of the requirement document.

Maintenance engineering

The application of techniques, engineering skills, and effort organized to ensure that the design and development of weapon systems and equipment provide adequately for their effective and economical maintenance.

Maintenance operations

The management and physical performance of those actions and tasks involved in servicing, repairing, testing, overhauling, modifying, calibrating, modernizing, and inspecting materiel in the operational inventory and the provision of technical assistance to equipment users in support units of the Army Logistics System.

Maintenance significant item/materiel

An end item, assemblage, component, or system intended for issue to the Army in the field that will require corrective maintenance services on a recurring basis.

Maintenance standard

A measure that specifies the minimum condition to which materiel must be restored by repair, overhaul, or some other maintenance function to ensure its satisfactory performance for a specified period of service.

Maintenance support team (MST)

A team formed from the resources of a maintenance activity, organization, or unit and specifically tailored to provide maintenance support to a designated unit or operation for specified tasks.

Maintenance technician (MT)

Full-time technician normally having dual status as a member of USAR unit; military technician assigned to USAR TDA maintenance activity.

Major assembly

Separately identified by type, model, and series and assigned item ID number (EM 0007 FEDLOG). For example, receivers or receiver transmitters in radio sets and machine guns or other weapons in secondary armaments subsystems of combat vehicles.

Materiel change

Configuration change involving substantial engineering and testing efforts on major end items to increase system/ combat effectiveness or extend the useful military life.

Materiel developer (MATDEVs)

The principal Army MATDEVs are the Army program executive officer/program managers (PEO/PM). For non-PEO/ PM managed systems, other MATDEVs include the U.S. Army Materiel Command, U.S. Army Information Systems Command, U.S. Army Intelligence and Security Command, COE, TSG, and Strategic Defense Command.

Materiel maintenance

The function of sustaining materiel in an operational status, restoring it to a serviceable condition, or updating and upgrading its functional usefulness through modification or other alteration.

Mean time between failure (MTBF)

A basic measure of reliability. The average number of failures of a specific item occurring during a specified time interval.

Mean time to repair (MTTR)

A basic measure of maintainability. The sum of corrective maintenance times at any specific level of repair, divided by the total number of failures within an item repaired at that level, during a particular interval under stated conditions.

Medical standby equipment program

Medical assets used in support of critical health care equipment; includes end items, components, or assemblies used to provide supported activities with serviceable items to replace unserviceable, economically repairable items.

Mission-essential materiel

That materiel authorized and assigned to approved combat and combat support forces that should be immediately employed to: destroy the enemy or its capacity to continue war; provide battlefield protection of personnel; communicate under war conditions; detect, locate, or maintain surveillance over the enemy; and permit contiguous combat transportation and support of forces and materiel. Equipment assigned to training missions of the same type and configuration as that assigned to combat and combat support forces and designated to be immediately employed for the purposes enumerated above is also mission-essential materiel.

Mobile contact team

USAR DS and GS maintenance personnel and AMSA/ECS MTs who visit units to provide technical assistance, make inspections, and perform maintenance when this procedure is more economical than transporting equipment or personnel to the activity.

Mobilization and training equipment site (MATE)

An ARNG TDA maintenance facility which, when collocated with a CSMS, provides full-time unit support to ARNG equipment assigned to the site. When not collocated, MATEs provide unit, DS, and GS support to equipment and units assigned.

Module

An assembly containing a complete self-contained circuit or sub-circuit. It may consist of a single printed circuit board (PCB), in which case it is synonymous with a PCB or may be comprised of two or more PCBs mechanically attached to one another and removable from the next high assembly as a single unit.

Non-available days

The number of days the equipment was not able to do its mission; the time the equipment is NMC. This term is used on DA Form 2406 to rate equipment's ability to do its combat or combat support job.

Not mission capable (NMC)

A materiel condition indicating that equipment cannot perform any one of its combat missions. NMC is divided into not mission capable maintenance (NMCM) or not mission capable supply (NMCS).

Not mission capable maintenance

Equipment that cannot perform its combat mission because of maintenance work underway or needed.

Not mission capable supply

Equipment that cannot perform its combat mission because of maintenance work stoppage due to supply backorders.

Off-site maintenance

Maintenance authorized to be performed by designated maintenance facilities not located where the equipment is operated.

Oil analysis

A test or series of tests (spectrometric and physical property) that provide an indication of equipment component and

oil condition by applying methods of quantitative measurement of wear metals and detection of contaminants in an oil sample.

On-condition oil change

An oil change directed by the AOAP laboratory as a result of findings relative to the condition of the oil and its lubricating capability.

On-site maintenance

Maintenance authorized to be performed where the equipment is operated.

Operational readiness float

A quantity of selected end items or major components of equipment authorized for stockage at CONUS installations and overseas support maintenance activities to extend their capability to respond to the materiel readiness requirements of supported activities. This is accomplished by providing supported activities with serviceable replacements from ORF assets when like items of equipment of supported activities cannot be repaired or modified in time to meet operational requirements.

Organizational maintenance shop

An ARNG activity that provides backup unit maintenance for Federal surface equipment issued to supported units.

Organizational maintenance sub-shop

An ARNG unit level maintenance sub-facility established to supplement limited available workspace authorized a parent OMS or geographic separation of supported units.

Overhaul

To restore an item to a complete serviceable condition as prescribed by maintenance serviceable standards. Normally accomplished at depot.

Pacing items

Major weapons or equipment systems of such importance that they are subject to continuous monitoring and management at all levels of command. Pacing items are identified in AR 220-1. Pacing items are noted on DA Form 5990-E or DA Form 2407.

Part

An item that cannot normally be disassembled or repaired, or is of such a design that disassembly or repair is impractical (for example, bracket, gear, resistor, or toggle switch).

Physical property tests

Analytical tests of used oil samples to detect oil property changes resulting from changing equipment conditions or maintenance practices.

Possible days

The number of calendar days an item was on hand on the property book during the DA Form 2406 report. For an item received during the reporting period, count the first day it was on hand as a whole possible day. Do not count the last day an item is on hand (the day you lose it from your property book) as a possible day.

Pre-combat checks

Essential functional and safety checks performed by the operator/crew per the system's precombat checklist to ensure the system can perform its war-fighting mission. Faults that will prevent the performance of the mission must be corrected prior to the start of the mission. All other faults are corrected or, if above operator/crew authorization to correct, reported during or after the mission.

Preliminary source of repair decision

The source of repair decisions for the system and each subsystem scheduled for depot repair/overhaul as developed by the materiel developer as soon as the system and subsystems are developed enough to conduct a source of repair analysis and make analysis-based decisions. This will be the source of repair decision used for planning purposes until milestone III, when the major subordinate command assumes the source of repair decision responsibility.

Preventive maintenance

All actions performed in an attempt to retain an item in a specified condition by providing systematic inspection, detection, and prevention of incipient failures.

Preventive maintenance checks and service (PMCS)

Preventive maintenance checks and service is the care, servicing, inspection, detection, and correction of minor faults before these faults cause serious damage, failure, or injury. The procedures and the category of maintenance to perform PMCS are found in the 10- and 20-series equipment TMs and LOs or ETMs.

Quality deficiency report (QDR)

The authorized means for users of Army equipment to report, either by message or SF Form 368, equipment faults in design, operations, and manufacture.

Readiness

The capability of a unit/formation, ship, weapon system, or equipment to perform the mission or functions for which it is organized or designed.

Rebuild

A zero time/zero mile overhaul.

Regional maintenance center (RMC)

A CE DS/GS maintenance activity with fixed shops and contact teams that is managed by ASC. The RMC will support ASC Consolidated Glossary Maintenance Management Update 15. Equipment operated at installations and within a specified support area.

Release action

An order rescinding a suspension or restriction. It puts materiel back in use or releases it from restriction(s). See TB 9-1300-385 for more information.

Reliability centered maintenance (RCM)

A logical discipline for developing a scheduled-maintenance program that will realize the inherent reliability levels of complex equipment at minimum cost.

Repair

Restoration or replacement of parts and/or units to maintain efficient operating conditions.

Repair cycle float (RCF)

An additional quantity of selected end item or major components of equipment approved for stockage in the wholesale supply system to replace like items of equipment withdrawn from using activities for scheduled depot maintenance or, in the case of the aircraft, the depot maintenance of crash-damaged equipment. This float is used primarily to extend the economic service life of selected items of Army materiel by providing for their depot maintenance on a timely basis without detracting from the materiel readiness of using activities.

Repairable item

An item that can be restored to perform all of its required functions by corrective maintenance.

Reparable

Class IX secondary items that carry a maintenance repair code (MRC) of D, F, H, or L.

Restriction

An order placing special working limits on materiel. The limits are set for safety or because of degraded performance.

Retail inter-Service support

Support accomplished at the post, installation, and base level and between operating commands with resources that are available to the installation commander.

Sample data collection plan

An SDC planning document prepared by the SDC proponent agency to identify required resources, sampling methodology, objectives, and anticipated benefits.

Sample data collection program

An integrated field data system designed to collect, process, analyze, report, follow-up, and manage engineering, maintenance, and supply data in support of selected equipment. This equipment can be currently in production/fielded, training requirements, and other logistics programs.

Satellite Material Maintenance Activity

A maintenance activity geographically removed from its parent installation. An SMMA is authorized EMMs to provide economical and timely support maintenance to units and activities whose parent installation cannot meet their needs.

Scheduled PMCS services

Checks and services performed by unit maintenance personnel with assistance from the operation/crew per the TM/ETM 10- and 20-series PMCS tables and lube orders. Some equipment also requires scheduled PMCS tasks to be performed by DS personnel per the equipment TM/ETM 30-series. All equipment faults are corrected or, if above the unit maintenance level authorization (per MAC) to correct, job ordered to DS maintenance. Deferred maintenance is completed during the scheduled service. Upon conclusion of the service, equipment should meet the TM/ETM 10- and 20-series maintenance standards.

Serious defect (applies to ammunition)

Defect resulting from bad design, manufacturing, handling, or storage that may cause malfunctions when ammunition is handled or fired.

Service life surveillance

Postproduction inspection, test, and analysis activity that verifies the actual condition of items after periods of use or storage.

Shop replacement unit

A component/module installed in an end item of equipment, system, or LRU that is replaceable only in a repair facility (shop environment) designated in the applicable maintenance allocation chart.

Shortcoming

A fault that requires maintenance or supply action on a piece of equipment but does not render equipment NMC.

Special mission alteration

A materiel change, normally of a temporary nature, required for the accomplishment of a special mission.

Special purpose alteration

Materiel changes authorized in appropriate TMs to enable the operation and use of equipment for specific climatic or geographic conditions.

Specialized repair authority

A GS maintenance unit or activity that is authorized special tools and test equipment and that performs depot levels of repair on DA-designated items of materiel coded D or L in maintenance allocation charts.

Spectrometric analysis

A method to determine the concentration of various chemical elements in an oil sample by means of spectroscopy, primarily to detect the presence of abnormal amounts of wear metal that may indicate the potential failure of a component.

Sub-shops

Sub-elements of AMSAs, CSMs, ECSs, or OMSs established when the density of equipment is sufficient to make such an operation cost effective.

Substitute item

An item authorized issue instead of, or in place of, an authorized standard item of like nature and quality. EM 0007 FEDLOG identifies items and procedures for making substitutions.

Subsystem

A separately authorized item issued or intended to work with other items to form an operational unit/system.

Support equipment

All ancillary and associated equipment (mobile or fixed) required to separate and support a materiel system. This

includes ASIOE such as trucks, air conditioners, generators, ground handling and maintenance equipment, tools metrology, calibration and communications equipment, test equipment, and automatic test equipment with diagnostic software for both on and off equipment maintenance.

Support system

Collectively, those tangible logistic support resources required to maintain a materiel system in an operationally ready condition. It is developed with the materiel system and merged with the ongoing logistic systems upon production and development. The following elements of integrated logistics support constitute the support system: support and test equipment, supply support, transportation and handling, technical data, facilities, and trained personnel. The other elements of ILS are the means by which the support system is developed and implemented.

Surge

The act of expanding an existing depot maintenance repair capability to meet increased requirements by adjusting shifts; adding skilled personnel, equipment, spares, and repair parts to increase the flow of repaired or manufactured materiel to the using activity; or for serviceable storage.

Suspended munitions

Munitions removed from issue, movement, test, and use with or without limitations. These are removed because of a suspected or known unsafe or defective condition. Reference TB 9-1300-385 for definitions and instructions on suspensions, restrictions, and release of ammunition.

System

A combination of equipment end items, assemblies, major components, components, modules, and parts assembled as a single functional unit to perform a task or mission.

System peculiar TMDE

TMDE dedicated to peculiar test and repair of a single materiel system or item of equipment.

System test support package

An assemblage of support elements provided prior to and used during development and operational tests to validate the organizational, DS, and GS maintenance requirements and capability. The maintenance test support package includes all required draft equipment publications (operator through GS maintenance equipment manuals); parts accessories; special and common tools; test, support, calibration, and maintenance shop facilities; and personnel skill requirements.

Tentative source of repair

System source of repair (SOR) decision made by the materiel developer prior to the data being available for a detailed cost based analysis. Based on the combat developer's maintenance concept and other judgment factors. The tentative SOR will be used for early depot workload planning but is subject to change as the system is developed. The tentative SOR decision will be replaced by the preliminary SOR decisions as soon as the data are available to do an analysis using the decision tree methodology.

Test, measurement, and diagnostic equipment (TMDE)

Any system or device capable of being used to evaluate the operating condition of a system or equipment to identify and/or isolate any actual or potential malfunction. TMDE also includes automatic test equipment (ATE) and test program sets (TPSs).

Test program sets (TPSs)

The combination of interface devices, software test programs, operational test program instructions, and documentation that allows the ATE and/or TMDE operator to perform the testing and/or diagnosis action on the UUT.

Unit identification code

A six-character code assigned to a specific unit.

- a. All units organizations, and activities will use their own UIC.
- b. Contractors, manufacturers, and commercial activities do not have UICs. They will use the five-digit Commercial and Government Entity (CAGE) code prescribed by SB 708-43. Put the letter "K" in front of the FSCM. For example, General Motors FSCM 24617 will be turned into a contractor UIC, K24617.

Unit maintenance shop

Facility located in conjunction with a USAR center; unit training and equipment site; a maintenance facility located in conjunction with a USAR center.

Unsafe condition

An occurrence of hazard severity category I or II or MIL-STD-882. This includes the conditions that cause loss or serious damage to the end item or major components, loss of control, death, serious injury, or illness.

User representative

The combat developer designated to represent the user in development and testing of new or improved systems.

Section III**Special Abbreviations and Terms**

This section contains no entries.